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CLAIM AMENDMENTS

1. (previously amended) A method of blocking microbial adherence to a eukaryotic cell surface in a mammal by applying to said surface a pharmacologically acceptable composition consisting essentially of an amino acid component selected from the group consisting of at least one of the following L(+)-isoleucine, DL-isoleucine, D(-)-allo-isoleucine, L(+)-allo-isoleucine, and active analogs of isoleucine present in a microbial blocking quantity, wherein the microbial blocking quantity is in the range of from about 0.1 ug/cm² to about 1 gm/cm² of eukaryotic cell surface area.
2. (cancelled)
3. (previously amended) The method of claim 1 wherein said quantity is from about 3 ug/cm² to about 100 ug/cm².
4. (previously amended) The method of claim 1 wherein said quantity is from about 10 ug/cm² to about 100 ug/cm².
5. (previously amended) The method of claim 1 wherein the mammal is mankind.
6. (previously amended) The method of claim 1 wherein the epithelial surface is one or more of the pharynx, GI tract, urinary tract, skin, and eye.
7. (original) The method of claim 1 wherein the composition consists of a pure powder of L(+)-isoleucine and/or DL-isoleucine.
8. (original) The method of claim 1 wherein the composition is in the form of a dry powder, a paste, a solution, a gel, a tablet, a lozenge, or a capsule.

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9. (previously amended) The method of claim 1 wherein the composition is directly applied to the said epithelial surface.
- 10-42. (cancelled)
43. (previously submitted) The method of claim 1 wherein the method is used to treat an infection caused by microbes.
44. (previously submitted) The method of claim 43 wherein the microbes are bacteria.
45. (previously submitted) The method of claim 1 wherein the amino acid component is selected from at least one of the following: L(+)-isoleucine, DL-isoleucine, D(-)-allo-isoleucine, and L(+)-allo-isoleucine.
46. (previously submitted) The method of claim 1 wherein the composition is in the form of a skin ointment or cream.
47. (previously submitted) The method of claim 1 wherein the composition is in the form of a dental care product.
48. (previously submitted) The method of claim 1 wherein the composition is in the form of a wound ointment or cream.
49. (previously submitted) The method of claim 1 wherein said composition also contains at least one additional pharmacologically active substance selected from the group consisting of a fluoride, xylitol, an antibody, an anti-microbial agent, zinc ions, a decongestant, an anesthetic, an anti-oxidant, a vitamin, a microbial substance, a pre-biotic material, folic acid, echinacea, peppermint oil or extract, menthol, quassia, bistort, ginger, angelica, bayberry, chamomile, fish oil, or

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fractionated fish oil, a fatty acid, fiber, flaxseed, a plant extract, garlic or garlic extract, calcium, stannol esters, lutein, zeaxanthin, cryptoxanthin, isoflavone, an anti-inflammatory compound, an antifungal agent, and a food product; and optionally, pharmacologically acceptable carrier materials and/or excipients.

50. (previously submitted) The method of claim 1 wherein the composition also contains an antifungal and/or antimicrobial substance.

51-53. (cancelled)